

# Wood Preservation: 2002

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## 2002 Economic Census

*Manufacturing*

Industry Series



U S C E N S U S B U R E A U

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



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-- Not applicable for this report.

**Table 1. Historical Statistics for the Industry: 2002 and Earlier Years**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year <sup>1</sup>	Com- panies <sup>2</sup>	All estab- lish- ments <sup>3</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
321114, Wood preservation . . . . . 2002..	417	515	12 276	372 605	9 304	19 013	235 656	874 627	3 526 166	4 422 279	134 443
2001..	N	N	10 859	312 794	8 507	17 351	199 675	703 730	3 448 059	4 230 714	60 137
2000..	N	N	11 613	315 513	9 196	19 185	202 081	863 967	3 773 613	4 622 918	81 868
1999..	N	N	12 210	321 976	9 782	19 729	209 712	919 130	3 901 745	4 790 348	75 583
1998..	N	N	11 823	298 841	9 224	18 136	189 128	792 494	3 642 757	4 486 182	72 102
1997..	361	451	11 668	298 123	9 174	18 564	189 814	960 453	3 562 736	4 461 521	81 570

<sup>1</sup>Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

<sup>2</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>3</sup>Includes establishments with payroll at any time during the year.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Industry Statistics for Selected States: 2002**

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
<b>321114, Wood preservation</b>												
United States .....	—	515	199	12 276	372 605	9 304	19 013	235 656	874 627	3 526 166	4 422 279	134 443
Alabama .....	—	20	15	729	24 914	454	937	13 957	38 077	261 189	304 227	5 503
Arkansas .....	—	15	9	519	12 374	388	695	8 978	61 271	143 813	206 905	5 908
California .....	1	25	6	327	9 356	264	547	6 735	26 383	86 385	112 982	3 810
Colorado .....	—	11	3	227	7 051	179	313	4 992	15 024	85 004	98 928	1 277
Florida .....	—	21	10	561	17 197	419	909	10 144	27 997	202 014	232 170	3 746
Georgia .....	—	20	10	711	19 448	522	970	12 430	21 280	242 904	266 466	3 712
Illinois .....	1	11	4	169	5 865	141	320	4 519	15 956	73 230	89 010	1 964
Indiana .....	—	8	4	299	8 219	252	440	6 043	19 085	77 720	96 561	1 439
Kentucky .....	—	12	4	224	6 615	166	329	4 073	12 013	64 885	80 369	1 181
Louisiana .....	1	15	7	470	13 856	384	827	9 927	17 964	107 226	126 525	3 134
Maryland .....	1	8	3	149	3 923	116	240	2 514	16 228	79 864	96 442	1 602
Massachusetts .....	—	6	3	110	3 645	85	164	2 157	7 541	63 934	71 981	2 798
Michigan .....	—	11	4	203	5 825	159	333	3 916	19 196	77 866	96 175	5 613
Minnesota .....	—	12	4	156	5 547	110	230	2 869	10 615	44 679	55 128	642
Mississippi .....	1	20	8	570	15 944	456	866	10 475	35 178	126 614	160 045	5 621
Missouri .....	—	20	5	344	8 916	288	578	6 717	24 873	74 018	98 335	2 257
New York .....	2	11	1	107	2 755	86	168	1 923	7 012	23 985	30 481	650
North Carolina .....	1	28	10	406	11 761	314	632	7 218	24 127	108 667	133 089	2 883
Ohio .....	1	22	4	172	5 666	117	216	2 845	16 739	67 610	81 583	1 765
Oregon .....	—	18	11	552	18 537	427	865	12 663	63 797	156 427	213 214	8 058
Pennsylvania .....	—	18	6	261	7 865	214	448	5 824	29 994	127 583	157 513	2 588
South Carolina .....	—	22	7	652	18 310	494	1 069	11 075	5 999	201 573	215 770	5 788
Tennessee .....	6	5	4	249	5 137	173	368	3 314	14 951	37 742	51 434	2 322
Texas .....	3	26	11	764	25 630	601	1 316	17 607	49 405	207 288	262 927	10 625
Virginia .....	—	22	13	1 349	42 474	965	2 097	22 729	104 864	263 849	376 566	26 071
Washington .....	—	15	9	666	26 803	483	1 098	14 988	66 514	152 686	224 309	11 653
West Virginia .....	—	11	6	220	4 941	203	321	4 014	18 868	48 677	67 279	789
Wisconsin .....	2	15	6	270	9 011	198	396	5 235	39 786	118 764	158 305	1 842

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 3. Detailed Statistics by Industry: 2002**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
<b>321114, Wood preservation</b>	
Companies <sup>1</sup> .....	number.. 417
All establishments <sup>2</sup> .....	number.. 515
Establishments with 1 to 19 employees .....	number.. 316
Establishments with 20 to 99 employees .....	number.. 177
Establishments with 100 employees or more .....	number.. 22
All employees <sup>3</sup> .....	number.. 12 276
Total compensation .....	\$1,000.. 452 285
Annual payroll .....	\$1,000.. 372 605
Total fringe benefits .....	\$1,000.. 79 680
Production workers, average for year .....	number.. 9 304
Production workers on March 12 .....	number.. 9 216
Production workers on May 12 .....	number.. 9 376
Production workers on August 12 .....	number.. 9 341
Production workers on November 12 .....	number.. 9 211
Production worker hours .....	1,000.. 19 013
Production worker wages .....	\$1,000.. 235 656
Total cost of materials .....	\$1,000.. 3 526 166
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 3 373 788
Resales .....	\$1,000.. 101 029
Purchased fuels .....	\$1,000.. 15 826
Purchased electricity .....	\$1,000.. 21 228
Contract work .....	\$1,000.. 14 295
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 329 260
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. -
Total value of shipments .....	\$1,000.. 4 422 279
Primary products value of shipments .....	\$1,000.. 3 957 336
Secondary products value of shipments .....	\$1,000.. 282 362
Total miscellaneous receipts .....	\$1,000.. 182 581
Value of resales .....	\$1,000.. 116 798
Contract receipts .....	\$1,000.. 45 474
Other miscellaneous receipts .....	\$1,000.. 20 309
Primary products specialization ratio .....	percent.. 93
Value of primary products shipments made in all industries .....	\$1,000.. 4 067 723
Value of primary products shipments made in this industry .....	\$1,000.. 3 957 336
Value of primary products shipments made in other industries .....	\$1,000.. 110 387
Coverage ratio .....	percent.. 97
Value added .....	\$1,000.. 874 627
Total inventories, beginning of year .....	\$1,000.. 541 873
Finished goods inventories .....	\$1,000.. 366 042
Work-in-process inventories .....	\$1,000.. 103 439
Materials and supplies inventories .....	\$1,000.. 72 392
Total inventories, end of year .....	\$1,000.. 538 000
Finished goods inventories .....	\$1,000.. 340 589
Work-in-process inventories .....	\$1,000.. 107 406
Materials and supplies inventories .....	\$1,000.. 90 005
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. 1 360 105
Total capital expenditures (new and used) .....	\$1,000.. 134 443
Buildings and other structures (new and used) .....	\$1,000.. 18 791
Machinery and equipment (new and used) .....	\$1,000.. 115 652
Automobiles, trucks, etc., for highway use .....	\$1,000.. 7 085
Computers and peripheral data processing equipment .....	\$1,000.. 9 318
All other expenditures for machinery and equipment .....	\$1,000.. 99 249
Total retirements .....	\$1,000.. 47 991
Gross value of depreciable assets at end of year .....	\$1,000.. 1 446 557
Depreciation charges during year .....	\$1,000.. 92 462
Total rental payments .....	\$1,000.. 47 452
Buildings and other structures .....	\$1,000.. 20 886
Machinery and equipment .....	\$1,000.. 26 566
Total other expenses <sup>4</sup> .....	\$1,000.. 134 277
Response coverage ratio <sup>5</sup> .....	percent.. 71
Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....	\$1,000.. 26 301
Communications services <sup>4</sup> .....	\$1,000.. 3 686
Legal services <sup>4</sup> .....	\$1,000.. 1 533
Accounting, auditing, and bookkeeping services <sup>4</sup> .....	\$1,000.. 2 449
Advertising and promotional services <sup>4</sup> .....	\$1,000.. 4 975
Expensed computer hardware and supplies and purchased computer services <sup>4</sup> .....	\$1,000.. 1 157
Refuse removal (including hazardous waste) services <sup>4</sup> .....	\$1,000.. 7 120
Management consulting and administrative services <sup>4</sup> .....	\$1,000.. 5 637
Taxes and license fees <sup>4</sup> .....	\$1,000.. 7 260
All other expenses <sup>4</sup> .....	\$1,000.. 74 159

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Based on Annual Survey of Manufactures (ASM) sample data.

<sup>5</sup>A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
321114, Wood preservation											
All establishments .....	—	515	12 276	372 605	9 304	19 013	235 656	874 627	3 526 166	4 422 279	134 443
Establishments with—											
1 to 4 employees .....	9	182	362	11 062	281	546	7 393	13 192	102 684	120 521	6 152
5 to 9 employees .....	6	52	342	11 529	255	527	7 105	22 165	107 114	130 369	5 887
10 to 19 employees .....	2	82	1 178	35 801	880	1 798	22 165	108 028	368 633	477 989	10 511
20 to 49 employees .....	—	125	3 863	118 597	2 863	5 639	72 748	344 170	1 111 660	1 457 349	31 367
50 to 99 employees .....	—	52	3 373	104 181	2 648	5 456	71 508	259 010	1 075 711	1 321 223	44 708
100 to 249 employees .....	—	22	3 158	91 435	2 377	5 047	54 737	128 062	760 364	914 828	35 818
250 to 499 employees .....	—	—	—	—	—	—	—	—	—	—	—
500 to 999 employees .....	—	—	—	—	—	—	—	—	—	—	—
1,000 to 2,499 employees .....	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more .....	—	—	—	—	—	—	—	—	—	—	—
Administrative records <sup>4</sup> .....	9	197	532	17 069	424	856	11 548	26 731	157 692	184 421	10 120

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 5. Industry Statistics by Primary Product Class Specialization: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments <sup>1</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Hours (1,000)	Wages (\$1,000)				
321114	Wood preservation .....	515	12 276	372 605	9 304	19 013	235 656	874 627	3 526 166	4 422 279	134 443
3211141	Wood poles, piles, and posts owned and treated by the same establishment .....	67	2 082	64 708	1 561	3 109	41 458	179 626	437 396	612 099	19 193
3211145	Other wood products owned and treated by the same establishment .....	167	8 244	249 214	6 201	12 866	155 315	617 689	2 753 446	3 383 230	94 097
3211149	Contract wood preservation .....	14	384	14 379	281	604	8 908	29 146	53 325	82 496	1 905

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321114	Wood preservation .....	2002.. N 1997.. N	X X	X X	4 067 723 4 377 047
3211141	Wood poles, piles, and posts owned and treated by the same establishment .....	2002.. N 1997.. N	X X	X X	626 761 561 544
32111411	Wood poles, piles, and posts owned and treated by the same establishment .....	2002.. N 1997.. N	X X	X X	570 478 401 735
3211141121	Wood poles, piles, and posts owned and treated with arsenical chemicals by the same establishment, not more than 15 feet in length .....	2002.. 35 1997.. 23	X X	S S	137 789 44 542
3211141133	Wood poles, piles, and posts owned and treated with pentachlorophenol or other chemicals by the same establishment, not more than 15 feet in length .....	2002.. 14 1997.. N	X X	S N	31 867 N
3211141141	Wood poles, piles, and posts owned and treated with pentachlorophenol by the same establishment, more than 15 feet in length .....	2002.. 18 1997.. 16	X X	S S	165 341 151 086
3211141151	Wood poles, piles, and posts owned and treated with arsenical chemicals by the same establishment, more than 15 feet in length .....	2002.. 29 1997.. 27	X X	P20.2 12.3	139 641 86 616
3211141161	Wood poles, piles, and posts owned and treated with creosote by the same establishment, more than 15 feet in length .....	2002.. 12 1997.. 14	X X	¶6.6 ¶8.6	54 892 63 122
3211141171	Wood poles, piles, and posts owned and treated with other chemicals by the same establishment, more than 15 feet in length .....	2002.. 10 1997.. 5	X X	S S	40 948 33 963
3211141Y	Wood poles, piles, and posts owned and treated by the same establishment, nsk .....	2002.. N 1997.. N	X X	X X	56 283 159 809
3211141YVV	Wood poles, piles, and posts owned and treated by the same establishment, nsk .....	2002.. N 1997.. N	X X	X X	56 283 159 809
3211145	Other wood products owned and treated by the same establishment .....	2002.. N 1997.. N	X X	X X	3 000 629 3 339 717
32111451	Other wood products owned and treated by the same establishment .....	2002.. N 1997.. N	X X	X X	2 768 278 2 888 085
3211145111	Railway crossties and mine ties (except switch or bridge) owned and treated by the same establishment .....	2002.. 29 1997.. 17	X X	S P433.3	473 691 223 225
3211145121	Rough and dressed lumber, not edge worked, owned and treated with fire-retardant, interior and exterior, by the same establishment .....	2002.. 21 1997.. 9	X X	S 95.3	176 336 68 347
3211145131	Rough and dressed lumber, not edge worked, owned and treated with pentachlorophenol by the same establishment .....	2002.. 9 1997.. 8	X X	S ¶103.1	64 766 56 994
3211145141	Rough and dressed lumber, not edge worked, owned and treated with arsenical chemicals by the same establishment .....	2002.. 62 1997.. 90	X X	S 4 090.1	1 553 781 2 266 669
3211145151	Rough and dressed lumber, not edge worked, owned and treated with other chemicals by the same establishment .....	2002.. 24 1997.. 12	X X	X X	168 872 55 913
3211145161	Wood siding, flooring, and other edge worked lumber owned and treated by the same establishment .....	2002.. 9 1997.. 13	X X	S 84.2	30 744 66 730
3211145171	Switch and bridge ties owned and treated by the same establishment .....	2002.. 9 1997.. 9	X X	S 52.2	62 451 41 761
3211145191	Other wood products owned and treated by the same establishment, including plywood and sawn wood fence pickets, paling, and rails .....	2002.. 29 1997.. 33	X X	X X	237 637 108 446
3211145Y	Other wood products owned and treated by the same establishment, nsk .....	2002.. N 1997.. N	X X	X X	232 351 451 632
3211145YVV	Other wood products owned and treated by the same establishment, nsk .....	2002.. N 1997.. N	X X	X X	232 351 451 632
3211149	Contract wood preservation .....	2002.. N 1997.. N	X X	X X	165 571 125 584
32111491	Contract wood preservation .....	2002.. N 1997.. N	X X	X X	162 617 123 043
3211149111	Receipts for treating wood owned by others with arsenical chemicals .....	2002.. 31 1997.. 42	X X	X X	37 826 42 117
3211149121	Receipts for treating wood owned by others with creosote .....	2002.. 6 1997.. 7	X X	X X	96 819 64 423
3211149191	Receipts for treating wood owned by others with other chemicals, including fire-retardant and pentachlorophenol .....	2002.. 16 1997.. 16	X X	X X	27 972 16 503
3211149Y	Contract wood preservation, nsk .....	2002.. N 1997.. N	X X	X X	2 954 2 541
3211149YVV	Contract wood preservation, nsk .....	2002.. N 1997.. N	X X	X X	2 954 2 541
321114W	Wood preservation, nsk, total .....	2002.. N 1997.. N	X X	X X	274 762 350 202
321114WY	Wood preservation, nsk, total .....	2002.. N 1997.. N	X X	X X	274 762 350 202

See footnotes at end of table.



Table 6a. **Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321114	Wood preservation—Con.				
321114W	Wood preservation, nsk, total—Con.				
321114WY	Wood preservation, nsk, total—Con.				
321114WYWW	Wood preservation, nsk, for nonadministrative-record establishments .....	2002..	N	X	99 741
		1997..	N	X	210 399
321114WYWY	Wood preservation, nsk, for administrative-record establishments .....	2002..	N	X	175 021
		1997..	N	X	139 803

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p–10 to 19 percent estimated; q–20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 6b. Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3211141	Wood poles, piles, and posts owned and treated by the same establishment	
	United States .....	2002.. 626 761
		1997.. 561 544
	Alabama .....	2002.. 121 832
		1997.. 135 885
	Florida .....	2002.. 25 062
		1997.. 20 597
	Georgia .....	2002.. 58 350
		1997.. 63 039
	Kentucky .....	2002.. 9 617
		1997.. 16 041
	Louisiana .....	2002.. 29 657
		1997.. 14 348
	Mississippi .....	2002.. 42 908
		1997.. 50 207
	Oregon .....	2002.. 25 053
		1997.. 32 278
	South Carolina .....	2002.. 31 741
		1997.. 43 091
	Texas .....	2002.. 63 716
		1997.. N
	Virginia .....	2002.. 34 372
		1997.. 20 363
	Washington .....	2002.. 16 142
		1997.. N
	West Virginia .....	2002.. 7 577
		1997.. 4 100
	Wisconsin .....	2002.. 40 729
		1997.. N
3211145	Other wood products owned and treated by the same establishment	
	United States .....	2002.. 3 000 629
		1997.. 3 339 717
	Alabama .....	2002.. 195 636
		1997.. 360 283
	Arkansas .....	2002.. 147 247
		1997.. 146 820
	California .....	2002.. 77 646
		1997.. 24 753
	Florida .....	2002.. 155 427
		1997.. 212 210
	Georgia .....	2002.. 172 694
		1997.. 170 094
	Illinois .....	2002.. 63 190
		1997.. 43 786
	Kentucky .....	2002.. 51 793
		1997.. 52 984
	Louisiana .....	2002.. 80 764
		1997.. 94 863
	Michigan .....	2002.. 64 283
		1997.. 49 543
	Minnesota .....	2002.. 25 319
		1997.. 21 995
	Mississippi .....	2002.. 95 619
		1997.. 101 424
	Missouri .....	2002.. 73 557
		1997.. 51 889
	North Carolina .....	2002.. 87 731
		1997.. 186 197
	Ohio .....	2002.. 51 996
		1997.. 121 082
	Oregon .....	2002.. 160 658
		1997.. 57 753
	Pennsylvania .....	2002.. 141 854
		1997.. 188 325
	South Carolina .....	2002.. 154 998
		1997.. 259 440
	Tennessee .....	2002.. 38 650
		1997.. 70 369
	Texas .....	2002.. 143 365
		1997.. 158 745
	Virginia .....	2002.. 308 014
		1997.. 218 280
	Washington .....	2002.. 172 730
		1997.. 191 012
	West Virginia .....	2002.. 44 878
		1997.. 67 400
	Wisconsin .....	2002.. 82 591
		1997.. 85 092
3211149	Contract wood preservation	
	United States .....	2002.. 165 571
		1997.. 125 584
	Mississippi .....	2002.. 3 574
		1997.. N
	North Carolina .....	2002.. 7 237
		1997.. N
	Oregon .....	2002.. 14 990
		1997.. 14 726
	South Carolina .....	2002.. 4 592
		1997.. 2 510
	Washington .....	2002.. 12 986
		1997.. 8 009
	Wisconsin .....	2002.. 4 090
		1997.. N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 7. Materials Consumed by Kind: 2002 and 1997**

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
321114	Wood preservation		
00900001	Total materials .....2002..	X	3 373 788
	.....1997..	X	3 402 869
11331013	Poles, piling, and other round or hewn wood products .....2002..	X	229 752
	.....1997..	X	258 552
32100022	Hardwood lumber, rough .....2002..	X	283 089
	.....1997..	X	N
32100029	Softwood rough lumber ..... mil bd ft. ....2002..	P1 813.2	713 046
	.....1997..	P1 492.4	649 353
32100021	Dressed lumber ..... mil bd ft. ....2002..	Q2 497.9	946 221
	.....1997..	3 142.4	1 436 824
32519219	Creosote oil consumed in the same establishment ..... mil gal. ....2002..	P47.3	48 100
	.....1997..	P41.7	36 215
32519203	Pentachlorophenol.....2002..	X	22 543
	.....1997..	X	23 636
32518801	Waterborne preservatives ..... mil lb. ....2002..	Q96.8	112 737
	.....1997..	Q95.0	101 771
00970099	All other materials and components, parts, containers, and supplies.....2002..	X	372 589
	.....1997..	X	288 996
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	645 711
	.....1997..	X	607 522

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.